

FIG. 1 - Prior Art

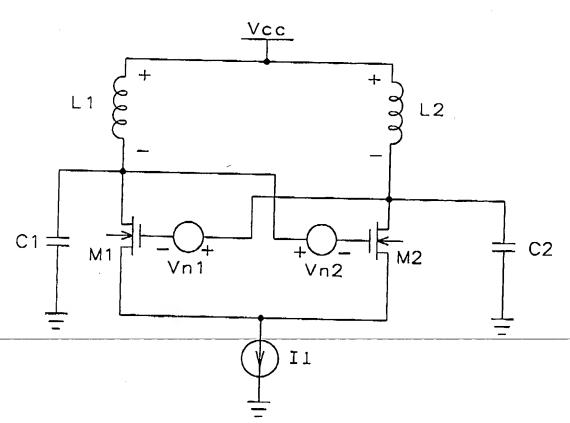


FIG. 2 - Prior Art

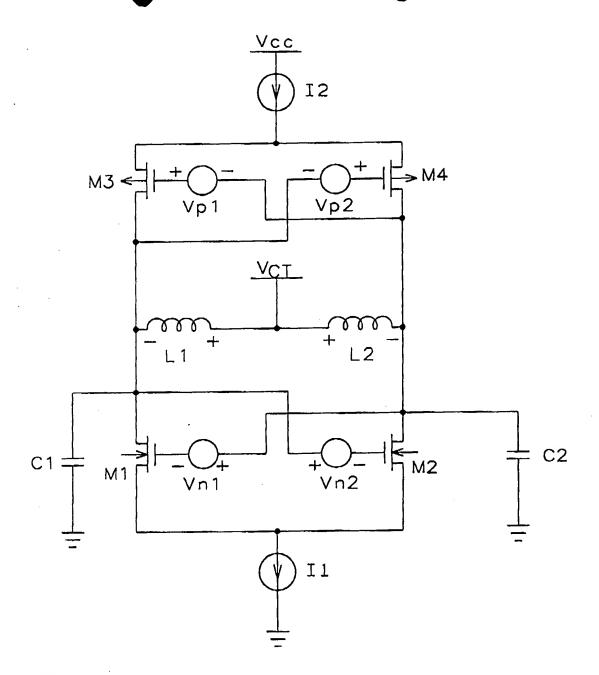


FIG. 3 - Prior Art

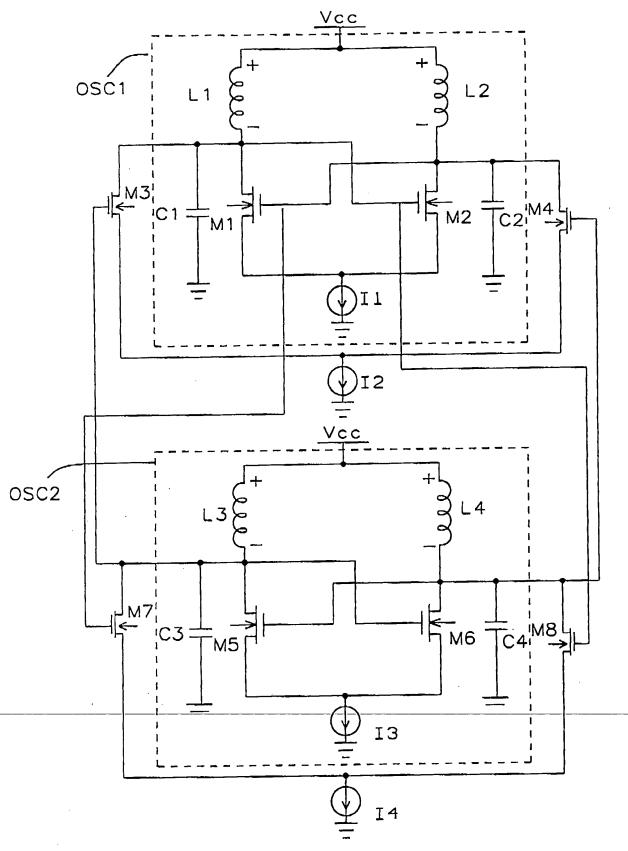
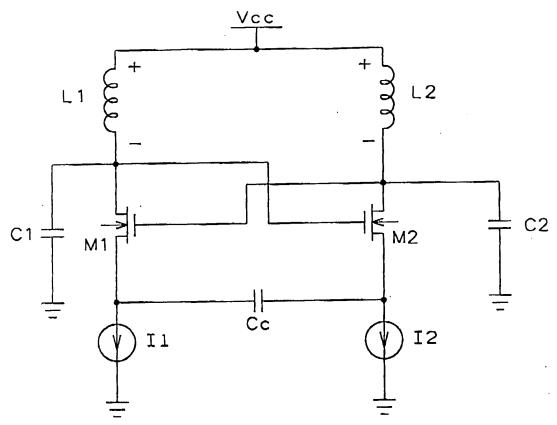
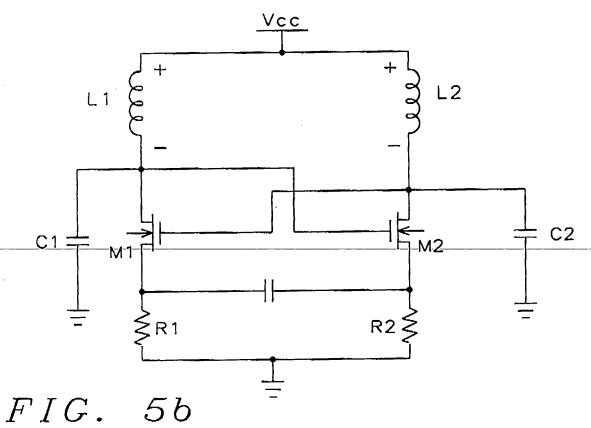
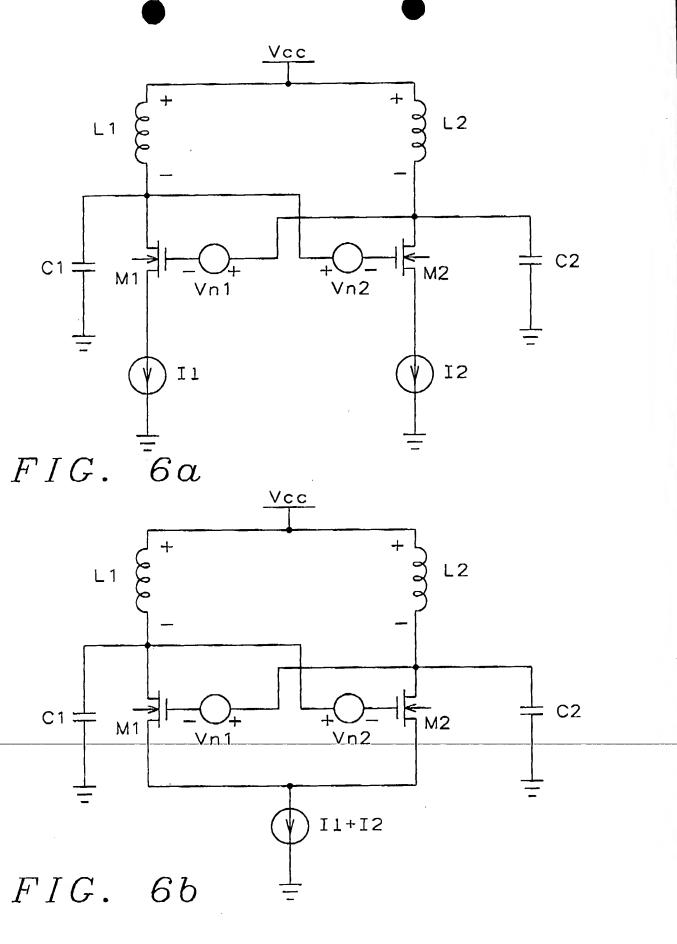


FIG. 4 - Prior Art



 $FIG. 5\alpha$





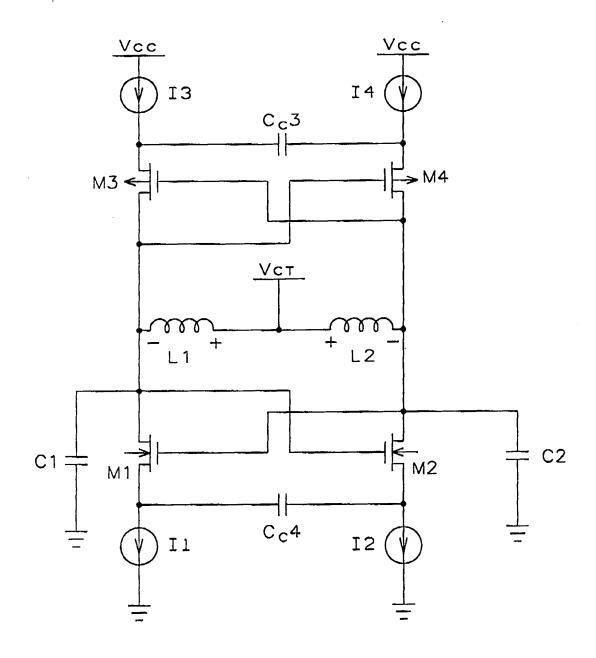


FIG. 7

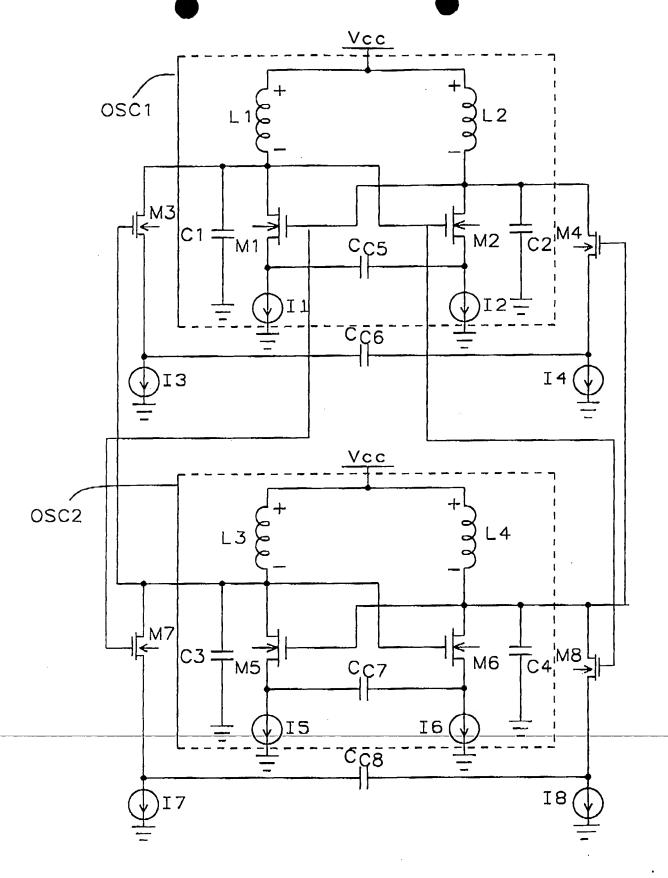
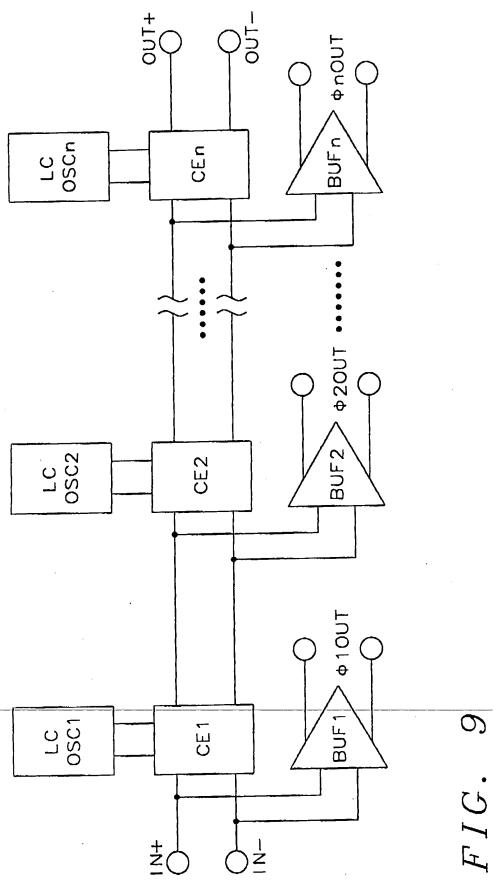
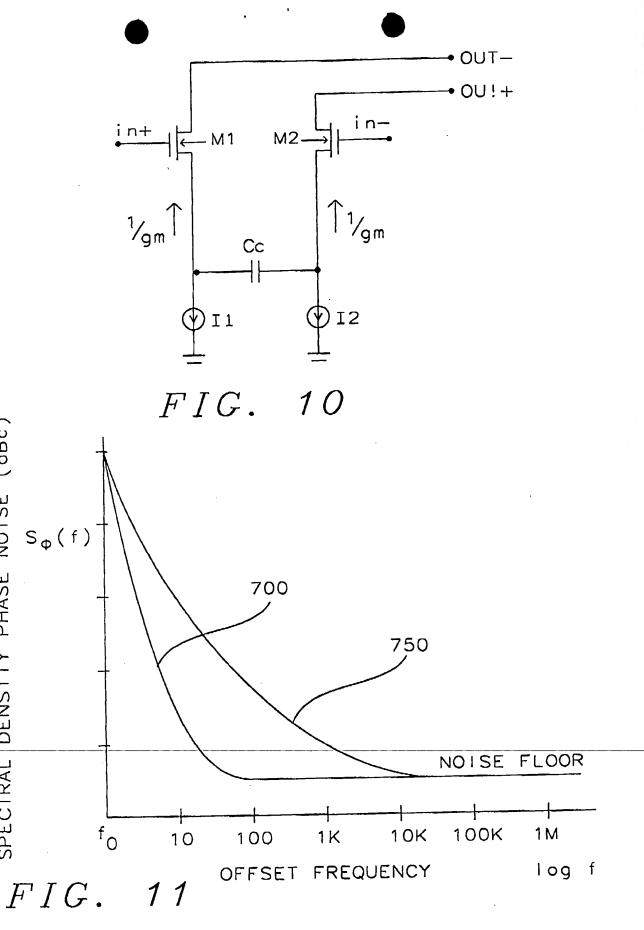


FIG. 8





SPECTRAL DENSITY PHASE NOISE (dBc)

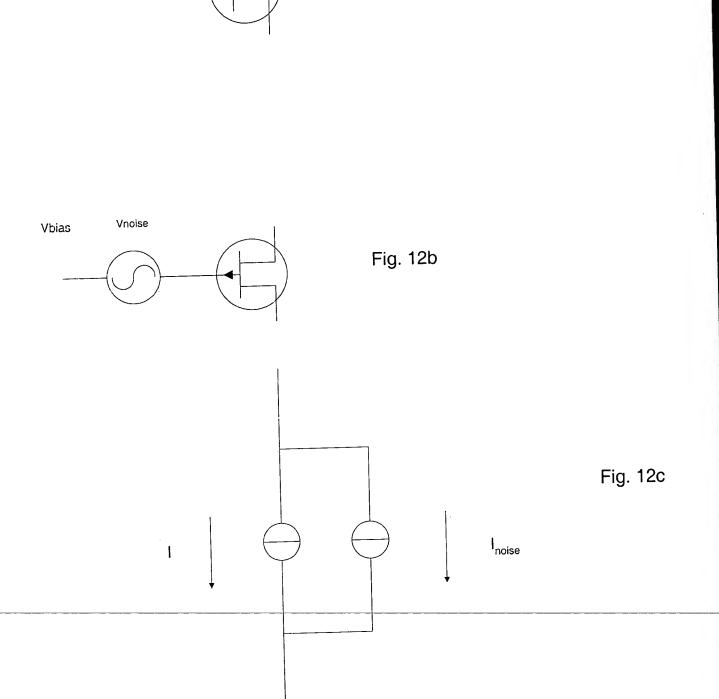


Fig. 12a

Vbias

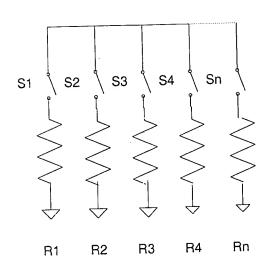


Fig. 13b

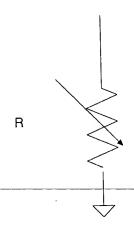


Fig. 13a

